

# CITY OF OXNARD

## TECHNICAL SERVICES PROGRAM SOURCE CONTROL

### INDUSTRIAL WASTEWATER DISCHARGE PERMIT

Permit Number OC - 8

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Company Name: *Santa Clara Waste Water Company*

Mailing Address: P.O. Box 3239  
Ventura, CA 93006-3239

Facility Address: 815 Mission Rock Road  
Santa Paula, CA 93060

In accordance with the provisions of Chapter 19 of the Oxnard City Code the above-named Industrial User is hereby authorized to discharge industrial wastewater into the City of Oxnard's Municipal Wastewater System (System) in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its obligation to comply with any and all applicable pretreatment regulations, standards or requirements under local, State, and Federal laws, including any such regulations, standards, requirements, or laws that may become effective during the term of this permit.

Noncompliance with any term or condition of this permit shall constitute a violation of Chapter 19 of the Oxnard City Code.

**This permit shall become effective at midnight on the 1st day of July, 2013.**

**This permit shall expire at midnight on the 30th day of June, 2014.**

If the permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal permit in accordance with the requirements of Chapter 19 of the Oxnard City Code, a minimum of ninety (90) days prior to the expiration date.

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Approved by:  
Mark Pumford  
Technical Services Manager

## PART I - SIGNIFICANT INDUSTRIAL USER FACT SHEET

**Santa Clara Waste Water Company (SCWW)**

Permit Number OC-8  
815 Mission Rock Road  
Santa Paula, CA 93060

<b>Facility Contact:</b>	Mr. Chuck Mundy
<b>Categorical Standard:</b>	40 CFR 437.47 (PSNS)
<b>Process:</b>	Centralized Waste Treatment
<b>Type of Pretreatment:</b>	Blending, Screening, Oil Skimming, Solids Dewatering, Electrical Coagulation, Ozone Treatment, half Micron Filtration, UV/OX Treatment, Sand and Carbon mixed media Filtration. Additional treatment is done at Wooley Rd. site with hydrogen peroxide to reduce the H <sub>2</sub> S before they discharge to the City's sewer system.
<b>Average Daily Flow:</b>	150,000 gpd
<b>Location of Sampling Well:</b>	The shipping tank located at the South side of the property for all parameters except H <sub>2</sub> S, which may be measured at point of discharge into collection system at Richmond and Wooley Road, Oxnard
<b>Pollutants of Concern:</b>	BOD, Cd, COD, Cr, Cu, H <sub>2</sub> S, Pb, Ni, O&G, pH, TSS, TTO, Zn, Flow, Phenol
<b>Additional Information:</b>	Discharges to Central Trunk line See Attachments: Attachment 1- Facility Map, Attachment 2- Process Flow

**PART II - WASTEWATER PRETREATMENT STANDARDS**

The Industrial User shall comply with the effluent limitations specified below:

**LOCAL PRETREATMENT STANDARDS<sup>1</sup>**

<b><u>Pollutant or Pollutant Property</u></b>	<b><u>Maximum Daily</u></b>
Biochemical Oxygen Demand (BOD)	800
Cadmium (Cd)	2.3
Chromium, Total (Cr)	3.0
Copper (Cu)	3.0
Hydrogen Sulfide, dissolved (H <sub>2</sub> S)	0.5
Lead (Pb)	2.3
Nickel (Ni)	3.0
Oil & Grease (O&G) - mineral based	100
pH (maximum)	10.0 <sup>2</sup>
pH (minimum)	6.0 <sup>2</sup>
Total Suspended Solids (TSS)	1000
Total Toxic Organics (TTO)	1.0 <sup>3</sup>
Zinc (Zn)	3.0

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<sup>1</sup> Expressed in mg/L (Unless Otherwise Specified)

<sup>2</sup> pH Units

<sup>3</sup> The term *TTO* shall mean total toxic organics, which is the summation of all quantifiable values greater than 0.01 milligrams per liter for the following toxic organics: Acenaphthene, Acrolein, Acrylonitrile, Benzene, Benzidine, Carbon tetrachloride (tetrachloromethane), Chlorobenzene, 1,2,4-trichlorobenzene, Hexachlorobenzene, 1,2-dichloroethane, 1,1,1-trichloroethane, Hexachloroethane, 1,1-dichloroethane, 1,1,2-trichloroethane, 1,1,2,2-tetrachloroethane, Chloroethane, Bis (2-chloroethyl) ether, 2-chloroethyl vinyl ether (mixed), 2-chloronaphthalene, 2,4,6-trichlorophenol, Parachlorometa cresol, Chloroform (trichloromethane), 2-chlorophenol, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 3,3-dichlorobenzidine, 1,1-dichloroethylene, 1,2-trans-dichloroethylene, 2,4-dichlorophenol, 1,2-dichloropropane, 1,3-dichloropropylene (1,3-dichloropropene), 2,4-dimethylphenol, 2,4-dinitrotoluene, 2,6-dinitrotoluene, 1,2-diphenylhydrazine, Ethylbenzene, Fluoranthene, 4-chlorophenyl phenyl ether, 4-bromophenyl phenyl ether, Bis (2-chloroisopropyl) ether, Bis (2-chloroethoxy) methane, Methylene chloride (dichloromethane), Methyl chloride (chloromethane), Methyl bromide (bromomethane), Bromoform (tribromomethane), Dichlorobromomethane, Chlorodibromomethane, Hexachlorobutadiene, Hexachlorocyclopentadiene, Isophorone, Naphthalene, Nitrobenzene, 2-nitrophenol, 4-nitrophenol, 2,4-dinitrophenol, 4,6-dinitro-o-cresol, N-nitrosodimethylamine, N-nitrosodiphenylamine, N-nitrosodi-n-propylamine, Pentachlorophenol, Phenol, Bis (2-ethylhexyl) phthalate, Butyl benzyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Diethyl phthalate, Dimethyl phthalate, 1,2-benzanthracene (benzo(a)anthracene), Benzo(a)pyrene (3,4-benzopyrene), 3,4-Benzofluoranthene (benzo(b)fluoranthene), 1,1,12-benzofluoranthene (benzo(k)fluoranthene), Chrysene, Acenaphthylene, Anthracene, 1,12-benzoperylene (benzo(ghi)perylene), Fluorene, Phenanthrene, 1,2,5,6-dibenzanthracene (dibenzo(a,h)anthracene), Indeno (1,2,3-cd) pyrene) (2,3 o-phenylene pyrene), Pyrene, Tetrachloroethylene, Toluene, Trichloroethylene, Vinyl chloride (chloroethylene), Aldrin, Dieldrin, Chlordane (technical mixture and metabolites), 4,4-DDT, 4,4-DDE (p,p-DDX), 4,4-DDD (p,p-TDE), Alpha-endosulfan, Beta-endosulfan, Endosulfan sulfate, Endrin, Endrin aldehyde, Heptachlor, Heptachlor epoxide, (BHC-hexachlorocyclohexane): Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, (PCB-polychlorinated biphenyls): PCB-1242 (Arochlor 1242), PCB-1254 (Arochlor 1254), PCB-1221 (Arochlor 1221), PCB-1232 (Arochlor 1232), PCB-1248 (Arochlor 1248), PCB-1260 (Arochlor 1260), PCB-1016 (Arochlor 1016), Toxaphene, 2,3,7,8-tetrachlorodibenzo- p-dioxin (TCDD)

# FEDERAL PRETREATMENT STANDARDS

## CENTRALIZED WASTE TREATMENT FACILITIES MULTIPLE WASTESTREAM TREATMENT AND RECOVERY PRETREATMENT STANDARDS FOR NEW SOURCES (40 CFR 437.47 (b))

Metal Parameters	Maximum daily	Maximum monthly average
	(PSNS, mg/L)	
Antimony	0.249	0.206
Arsenic	0.162	0.104
Cadmium	0.474	0.0962
Chromium	0.746	0.323
Cobalt	0.192	0.124
Copper	0.500	0.242
Lead	0.350	0.160
Mercury	0.00234	0.000739
Nickel	3.95	1.45
Silver	0.120	0.0351
Tin	0.409	0.120
Titanium	0.0947	0.0618
Vanadium	0.218	0.0662
Zinc	2.87	0.641

**Federal Pretreatment Standards Continued:**

<b>Organic Parameters</b>	<b>Maximum daily</b>	<b>Maximum monthly average</b>
Bis (2-ethylhexyl) Phthalate	0.215	0.101
Carbazole	0.598	0.276
<i>o</i> -Cresol	1.92	0.561
<i>p</i> -Cresol	0.698	0.205
<i>n</i> -Decane	0.948	0.437
Fluoranthene	0.0537	0.0268
<i>n</i> -Octadecane	0.589	0.302
2,4,6-Trichlorophenol	0.155	0.106

The following in-plant limitations apply to metal-bearing wastewater containing cyanide:

**IN-PLANT LIMITATIONS**

<b>Regulated parameter</b>	<b>Maximum daily</b>	<b>Maximum monthly average</b>
	(PSNS, mg/L)	
Cyanide	500	178

**PART III - SELF-MONITORING REQUIREMENTS**

<b>Pollutant or Pollutant Property</b>	<b>Monitoring Frequency</b>	<b>Sample Type</b>
Flow	Continuous	Meter <sup>4</sup>
Biochemical Oxygen Demand (BOD)	2 days/week	1
Metals	1 day/month	1
Chemical Oxygen Demand (COD)	1 day/week	1
Hydrogen Sulfide, dissolved (H <sub>2</sub> S)	1 day/week	2
Oil & Grease (O&G)	1 day/week	2
pH	1 day/week	2
Total Suspended Solids (TSS)	1 day/week	1
Total Toxic Organics (TTO)	1 day/month	1 & 2
Pesticides, PCB's and Dioxin	1 day/3months	2
Cyanide (CN), Total	1 day/month	2 <sup>5</sup>

***SAMPLE TYPE KEY***

1. Flow proportional composite sample over daily duration of discharge.

**Note:** Where the Industrial User does not have the capability of flow measurement, a time-weighted composite may be acceptable.

2. Grab.

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<sup>4</sup>

Daily flow shall be obtained from the Permittee's effluent flow meter/recorder.

<sup>5</sup>

Self-monitoring for CN may be waived provided that the Industrial User analyses for the pollutant at a minimum of once per year and certifies, in writing, that CN is not used at the facility. The certification statement shall be submitted with each Self-Monitoring Report.

#### **PART IV - SPECIAL CONDITIONS/REQUIREMENTS**

1. The permittee must meet the applicable Multiple Wastestream Subcategory limitations.
2. The permittee shall notify TSP – SC staff, at the time of permit renewal or modification of its permit, of its desire to be subject to the Multiple Waste Subcategory of 40 CFR Part 437 by submitting a periodic certification statement as described in § 437.41(b).
3. The permittee shall maintain the on-site compliance paperwork at the office of the facility, per § 437.41( c), and make the documents available upon request during inspections.
4. Once per quarter, the permittee shall submit to the TSP-SC a current list of the companies hauling waste to Santa Clara Waste Water Company. *Only active permits shall be included on this list.* This list shall also identify the type of waste stream discharged by the company.
5. All new sources of wastewater not subject to 40 CFR Part 437 regulation shall be profiled and submitted to the TSP-SC for review and approval. All new sources of wastewater subject to 40 CFR Subchapter N shall be profiled and submitted to the TSP-SC for review and approval.
6. In order to ensure appropriate treatment rather than dilution of dissimilar wastes, the permittee may be required to achieve alternative effluent limitations, per § 437.40(b).
7. Samples collected for the purposes of compliance monitoring shall be obtained from the discharge/shipping tank located south side of property.
8. Samples collected for the purpose of determining the permittee's compliance with the allowable dissolved sulfide (H<sub>2</sub>S) limit shall be obtained from the dedicated sample vault on the north side of Wooley Road between Richmond Avenue and Pacific Avenue in the City of Oxnard (the location where the permittee discharges into the Oxnard Municipal Sewer System).
9. Sampling and analyses for the purposes of determining compliance with local and federal limitations shall be performed by a California State-certified laboratory, acceptable to TSP-SC, in accordance with 40 CFR, Part 136.
10. Per 40 CFR 403.8(f)(1)(iii)(B)(3), the more stringent limits apply when compliance with both Federal and Local limits are being assessed at the point of compliance.
11. The permittee shall maintain an onsite slug control plan to mitigate potential POTW upsets.

12. The Industrial User's continuous effluent monitoring equipment shall consist of a flowmeter/totalizer.
13. The permittee shall notify TSP - SC of any line cleaning or maintenance activities at least seventy-two (72) hours prior to said activities.
14. The permittee shall notify TSP-SC, in writing, prior to any additions or modifications to the proposed process that may result in a change in wastewater characteristics or flow volume discharge.